Federal Communications Commission 445 12th St., S.W. Washington, D.C. 20554

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WIRELESS TELECOMMUNICATIONS BUREAU ANNOUNCES AGENDA FOR DISTRIBUTED ANTENNA SYSTEMS (DAS) AND SMALL CELL SOLUTIONS WORKSHOP

The FCC Wireless Telecommunications Bureau, in cooperation with the National Association of Telecommunications Officers and Advisors (NATOA), will host a workshop focusing on distributed antenna systems (DAS) and small cell solutions on Tuesday, May 3, 2016, in the Commission Meeting Room at FCC Headquarters in Washington, DC from 9:00 AM – 4:30 PM EDT. The FCC will also webcast the workshop on the FCC web page.

The workshop will provide an overview of DAS and small cell technologies that augment mobile broadband and wireless services in cities and communities. We will also discuss successful deployments of DAS and small cell technologies in both outdoor and indoor public spaces, including hospitals, campuses, buildings, business and historical districts, and transit systems. The workshop aims to inform municipal leaders, planners, hospital and campus administrators, building owners, transit and transportation authorities and interested members of the public how DAS and small cell technologies provide benefits and economic opportunities by expanding mobile broadband, augmenting wireless data coverage, and aiding first responders inside buildings.

TENTATIVE AGENDA

9:00 AM Opening Remarks

Tom Wheeler Chairman, FCC

Jon Wilkins Chief, Wireless Telecommunications Bureau, FCC

Jodie Miller President, NATOA; Executive Director, Northern Dakota County Cable

Commission and Town Square Television

9:15 AM Legal Background

Jeffrey Steinberg, Deputy Chief, Competition and Infrastructure Policy Division, WTB, FCC

9:30 AM Welcoming Remarks

Michael O'Rielly, Commissioner, FCC

10:00 AM DAS/Small Cell Overview: Business and Technology

Allen Dixon, Chairman, PCIA HETNET Forum
Mike Hughes, Director of Engineering, Crown Castle DAS, LLC
Troy Suddith, Director of Engineering, Corning Optical Communications
Art King, Director of Enterprise Services, Spider Cloud Wireless, LLC
Joseph Pedziwiatr, Head of Small Cell Architecture, Nokia – US

Moderators:

Jodie Miller, President, NATOA

Saurbh Chhabra, Engineer, Wireless Telecommunications Bureau, FCC

11:15 AM Deployment and Uses of DAS / Small Cell Technology

Medical Center: DAS/Small Cell in the medical environment

Arnold Kim, Chief Operating Officer, Advanced RF Technologies, Inc.

Public Safety: DAS/Small Cell solutions for legacy two way public safety radios; new fire code

ordinances for buildings; and interoperability

Chief Allen Perdue (Ret.), Executive Director, Safe Building Coalition

Mike Collado, Vice President of Marketing, SOLID Americas

Subway Tunnel Systems: Design, smartphone use, and security

Joe Mullin, Chief Technical Officer, InSite Wireless, LLC

Campus: Kirkwood Community College, Cedar Rapids, Iowa – DAS Solution in a community college environment with hotel management

Mark Zuber, Head of Information Telecommunications, Kirkwood Community College, Cedar Rapids, Iowa

Gary Mayer, Integrator, All Systems Installers

Summary of In Building:

Pinder Chauhan, Director, Global Technical Support Service, CommScope, LLC Nate Fuentes, Manager, Business Development, CommScope, LLC

Moderators:

Saurbh Chhabra, Engineer, Wireless Telecommunications Bureau, FCC

Dan Abeyta, Assistant Chief, Competition and Infrastructure Policy Division, WTB, FCC

12:30 - 1:00 PM Lunch Break

1:00 PM Lunchtime Presentation: Women in Wireless Engineering

Pinder Chauhan, Director, Global Technical Support Service, CommScope, LLC.

1:20 PM Lunchtime Remarks

Mignon Clyburn, Commissioner, FCC

1:30 PM Super Bowl 2016 Case Study

Miguel Gamiño Jr., City CIO and Executive Director of the Department of Technology, San Francisco, CA; FCC Intergovernmental Advisory Committee Member

Omar Masry, City Planner, San Francisco, CA

Robert Erickson, VP Network Engineering and Implementation, ExteNet DAS Systems, Inc.

Moderators:

Mike Lynch, President Elect, NATOA; Director, Cable & Web Services/IT, Boston, MA Chad Breckinridge, Associate Chief, Wireless Telecommunications Bureau, FCC

2:15 PM Presentation

Ron Nirenberg, City Councilman, San Antonio, Texas; FCC Intergovernmental Advisory Committee Member

3:00 PM Boston, Massachusetts Case Study

Mike Lynch, President Elect, NATOA; Director, Cable & Web Services/IT, Boston, MA Alex Gamota, Vice President of Real Estate, American Tower Corporation Liz Hill, State and Local Representative, American Tower Corporation

Moderators:

Jodie Miller, President, NATOA Jeffrey Steinberg, Deputy Chief, Competition and Infrastructure Policy Division, WTB, FCC

3:15 PM Philadelphia, Pennsylvania Case Study: Papal Visit

Michael Kane, Project Manager/Construction & Implementation, Crown Castle DAS, LLC Kirk Wampler, National Director, Network Real Estate/Permitting, Crown Castle DAS, LLC Christopher Palmer, Director of Operations and Landscape Management, Philadelphia Parks and Recreation, Philadelphia, PA

Richard J. Montanez, Traffic Engineering Division, Philadelphia, PA

Moderators:

Steve Traylor, Executive Director, NATOA Dan Abeyta, Assistant Chief, Competition and Infrastructure Policy Division, WTB, FCC

4:00 PM Final Panel

Mike Hughes, Director of Engineering, Crown Castle, LLC Mike Lynch, President Elect, NATOA Jeffrey Steinberg, Deputy Chief, Competition and Infrastructure Policy Division, WTB, FCC

<u>Attendance</u>. This workshop is open to the public. All interested attendees are requested to arrive promptly. Inperson and webcast attendees are encouraged to pre-register but are not required to do so. Please send an e-mail to <u>Maira.Delao@fcc.gov</u> to pre-register.

<u>Webcast.</u> The FCC will live stream the workshop on its website. To view the workshop live, please go to <u>www.fcc.gov/live</u> the day of the workshop. Viewers may submit questions by e-mail to <u>livequestions@fcc.gov</u>.

Accessibility Information. To request information in accessible formats (computer diskettes, large print, audio recording, and Braille), send an e-mail to fcc504@fcc.gov or call the FCC's Consumer and Governmental Affairs Bureau at (202) 418-0530 (voice), (202) 418-0432 (TTY). This document can also be downloaded in Word and Portable Document Format (PDF) at: http://www.fcc.gov. If you have any questions, please contact Dan Abeyta, Wireless Telecommunications Bureau at (202) 418-1538 or by e-mail: Dan.Abeyta@fcc.gov.

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